

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of claims in this application. Please cancel claims 16 and 19 without prejudice or disclaimer.

Listing of Claims:

1. (Currently Amended) A device to control material or fragment discharge in an ammunition unit's direction of flight from a primary or secondary liner in connection with triggering, by initiation of a main charge of the ammunition unit wherein an explosive pre-charge or pre-charges are arranged at the front side of the liner ~~at~~ at a periphery of the liner and that the liner is devised as being exposable for effect from the explosive pre-charge or pre-charges that are devised as being able to be initiated upon or shortly prior to the triggering of the main charge and wherein the explosive pre-charge or pre-charges obtain, upon initiation, a pre-deformation of the liner prior to the liner being affected by the triggering of the main charge for material or fragment discharge, and wherein the explosive pre-charge or pre-charges are attached to an interior surface of the liner.

2. (Canceled)

3. (Currently Amended) A device in accordance with claim 1, wherein the explosive pre-charge or pre-charges are arranged ~~at~~ at the periphery of the liner with an intermediary barrier.

4. (Previously Presented) A device in accordance with claim 3, wherein the barrier is made of lead, approximately 1 mm thick, and neoprene, approximately 4 mm thick.

5. (Currently Amended) A device in accordance with ~~claim 2~~claim 1, wherein each explosive pre-charge is formed with an exterior surface, facing lengthwise to the main charge, and an angled surface, at outer parts of the exterior surface facing a convex surface of the liner, that dilates itself outwards from the convex surface, leaving a central aperture in the ammunition unit's direction of flight that dilates outwards like a truncated cone.

6. (Currently Amended) A device in accordance with ~~claim 2~~claim 1, wherein the divergent fragment or material discharge, resulting from main charge initiation, is given small angles of dispersion within the range of 0.4 - 9.0° and low velocities of about 540 - 925 m/s.

7. (Previously Presented) A device in accordance with claim 3, wherein each explosive pre-charge or pre-charges begin from the exterior circumference of the barrier with parallel interior and exterior surfaces and are arranged with an end surface extending perpendicular to the interior and exterior surfaces and the interior and exterior surfaces allow a central aperture that extends cylindrically from the convex surface of liner in the ammunition unit's direction of flight.

8. (Previously Presented) A device in accordance with claim 3, wherein divergent material or fragment discharge, resulting from the initiation of the main charge, obtains angles of dispersion between 5.0 - 34° and velocities within the range of 380 - 650 m/s.

9. (Previously Presented) A device in accordance with claim 1, wherein the liner is deformed upon the initiation of the explosive pre-charge or pre-charges in a random manner over given cross sections.

10. (Previously Presented) A device in accordance with claim 1, wherein concave and convex surfaces of the liner obtain wave forms in given cross sections.

11. (Previously Presented) A device in accordance with claim 1, wherein the ammunition unit is a missile or a projectile.

12. (Previously Presented) A device in accordance with claim 3, the divergent fragment or material discharge, resulting from main charge initiation, is given small angles of dispersion within the range of $0.4 - 9.0^\circ$ and low velocities of about 540 - 925 m/s.

13. (Previously Presented) A device in accordance with claim 4, wherein each explosive pre-charge or pre-charges begin from the exterior circumference of the barrier with parallel interior and exterior surfaces and are arranged with an end surface extending perpendicular to the interior and exterior surfaces and the interior and exterior surfaces allow a central aperture that extends cylindrically from the convex surface of liner in the ammunition unit's direction of flight.

14. (Previously Presented) A device in accordance with claim 4, wherein the divergent material or fragment discharge, resulting from the initiation of the main charge, obtains angles of dispersion between $5.0 - 34^\circ$ and velocities within the range of 380 - 650 m/s.

15. (Previously Presented) A device in accordance with claim 7, wherein the divergent material or fragment discharge, resulting from the initiation of the main charge, obtains angles of dispersion between $5.0 - 34^{\circ}$ and velocities within the range of 380 - 650 m/s.

16. (Canceled)

17. (Previously Presented) A device in accordance with claim 3, wherein the liner is deformed upon the initiation of the explosive pre-charge or pre-charges in a random manner over given cross sections.

18. (Previously Presented) A device in accordance with claim 4, wherein the liner is deformed upon the initiation of the explosive pre-charge or pre-charges in a random manner over given cross sections.

19. (Canceled)

20. (Previously Presented) A device in accordance with claim 3, wherein concave and convex surfaces of the liner obtain wave forms in given cross sections.